

# 2010 Computational Chemistry and Materials Science Summer Institute

## Materials Research for Energy

Lawrence Livermore National Laboratory



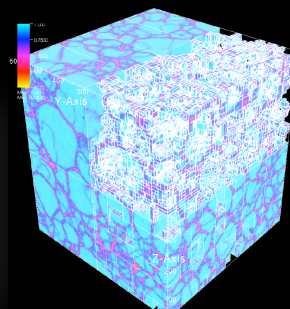
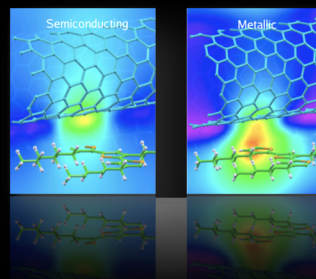
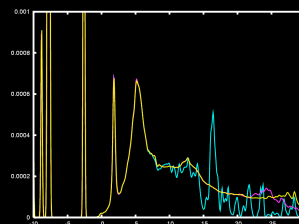
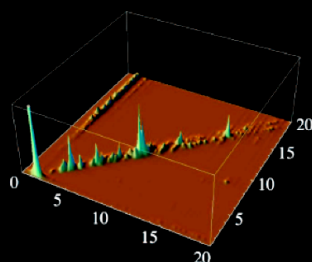
Lawrence Livermore National Laboratory (LLNL) is planning to hold its Computational Chemistry & Materials Science Summer Institute from June 8-August 13, 2010. The Institute will establish approximately 10 summer fellowships for graduate students who have demonstrated a strong interest in computational sciences. This institute offers the graduate students the opportunity to work directly with leading LLNL researchers on the development and application of cutting edge methods in computational materials science, computational chemistry, and other related areas of computational science.

The program: Computational projects on materials research for energy, lectures by leading experts from universities and national labs, tours of LLNL, extracurricular and social activities.

Topics: *Ab Initio* Electronic Structure Theory, Quantum Chemistry, Molecular Dynamics, Dislocation Dynamics, Multi-scaling Modeling, Phase Field Modeling.

Location: LLNL is located in the beautiful town of Livermore, just 40 miles east of San Francisco.

Financial Support: LLNL offers a generous salary and reimbursement of travel to and from LLNL.



### Organizing Committee:

Sorin Bastea, Vasily Bulatov, Yosuke Kanai, Chris Keane, Felice Lightstone, Christian Mailhot, Jaime Marian, Robert Rudd, Eric Schwegler, Fred Streit, Ming Tang, and Brandon Wood

### Apply via

<http://www.llnl.gov/ccms>

**Application deadline : February 15, 2010**

### For more information contact:

Yosuke Kanai ([kanai3@llnl.gov](mailto:kanai3@llnl.gov))  
Ming Tang ([tang25@llnl.gov](mailto:tang25@llnl.gov))  
Kris Kulp ([kulp2@llnl.gov](mailto:kulp2@llnl.gov))